

Youth Risk Behavior Survey

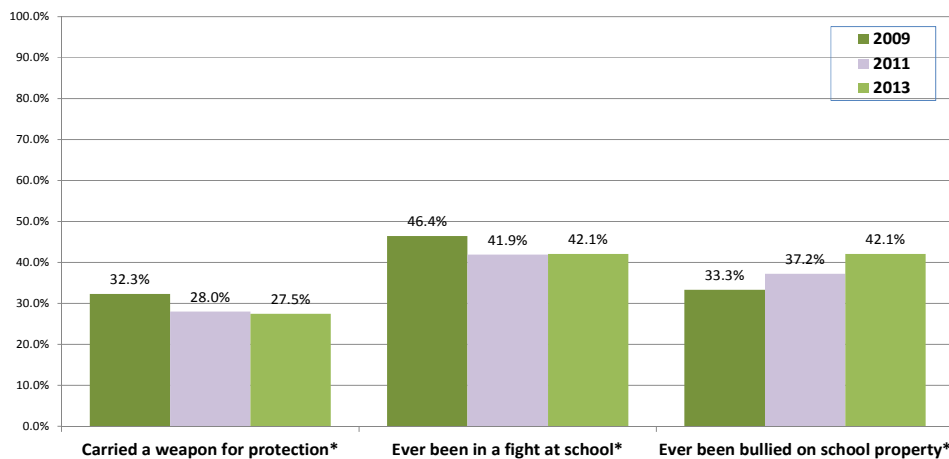


DUVAL COUNTY MIDDLE SCHOOL STUDENTS 2013

Violence, Suicide, and Safety Behaviors

The Youth Risk Behavior Survey (YRBS) is a self-administered, school-based, confidential, and anonymous survey that was conducted in Duval County Public Schools during the spring of 2009, 2011, and 2013. This is part of a national effort by the Centers for Disease Control and Prevention (CDC) to obtain information pertaining to youth health behaviors. These behaviors include: violence, safety, sex, nutrition, physical activity, and suicide. In 2013, 4,832 students from 28 Duval County public middle schools provided data for the YRBS.

**Middle School Students (6th - 8th Grade) Violence Behavior by Year
Duval County 2009-2013**



Bullying has increased in middle school by almost +21% since 2009. The YRBS survey defines bullying as when 1 or more students tease, hit, shove, or hurt another student over and over again. In 2013, 42% of students reported experiencing some form of bullying.

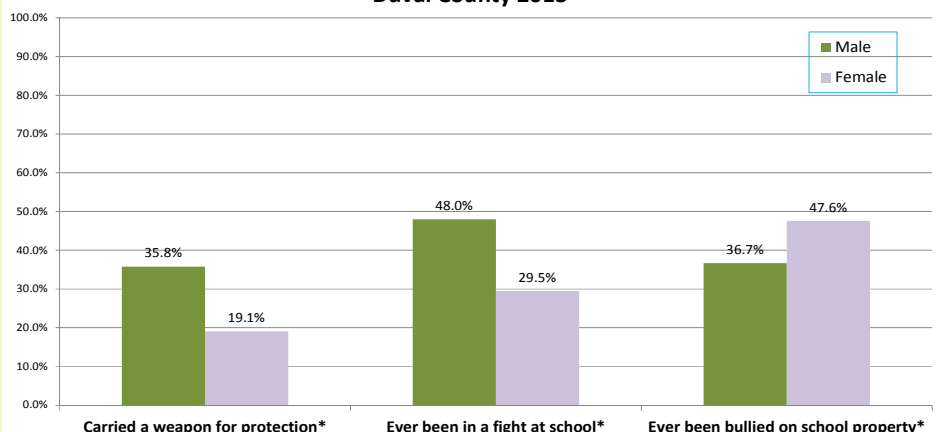
Physical fights have decreased, but as many students have been in a physical fight as have been bullied.

Students bringing a weapon to school has decreased.

Males are significantly more likely to be in a physical fight at school. Even so, they have shown the largest decrease (-11%) since 2011, while female rates have not changed.

Females are significantly more likely to be bullied while at school. Bullying for females is up +17% since 2011. For males, bullying is up only +6% since 2011.

**Middle School Students (6th - 8th Grade) Violence Behavior by Gender
Duval County 2013**



An asterisk (*) indicates statistical significance.

Additional Data

- Almost 12% of middle school students have experienced electronic bullying.
- One in four middle school students have ever seriously thought about killing themselves.
- 10.6% of middle school students have ever tried to kill themselves.

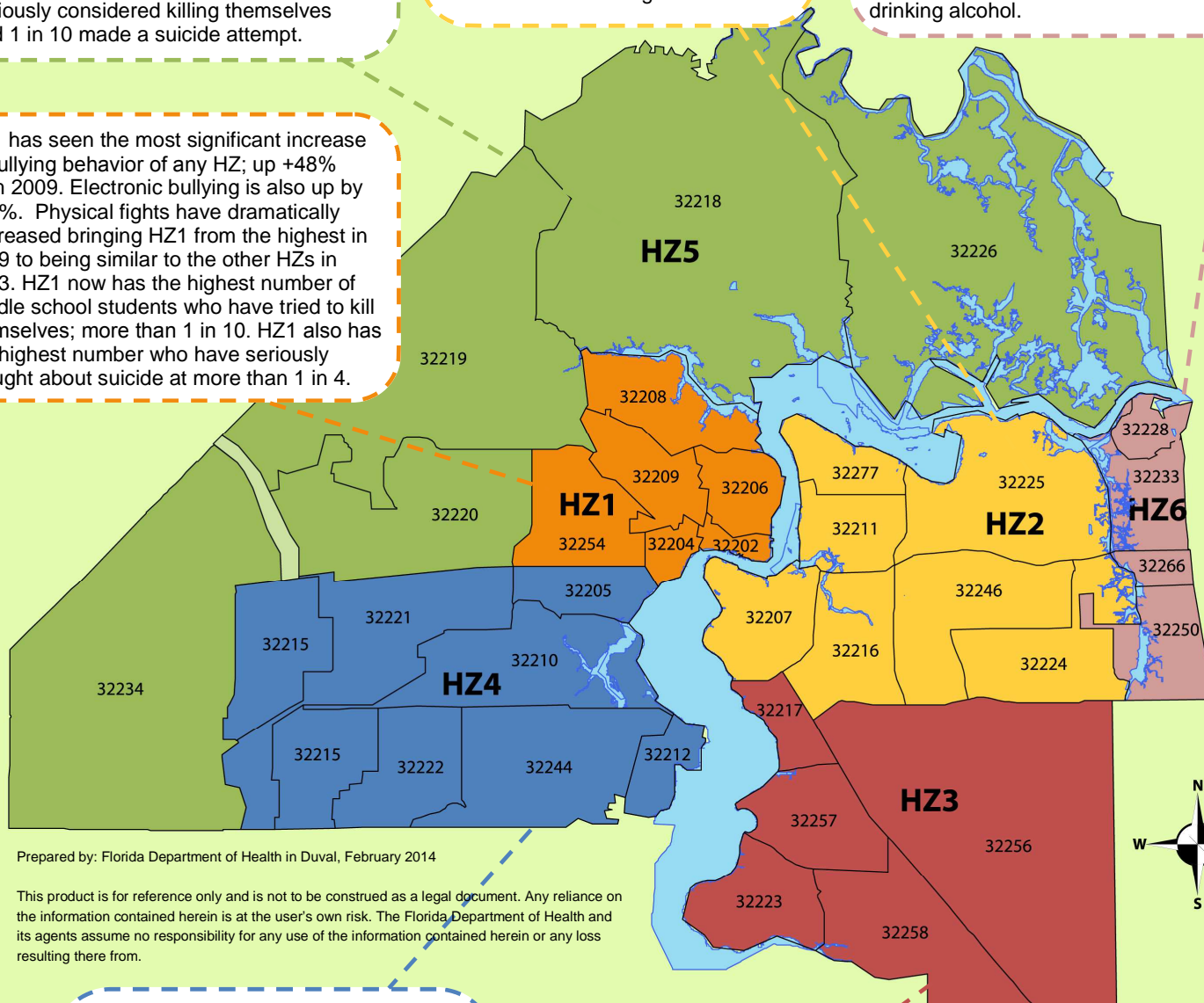
Duval County Health Zones (HZ)

HZ5 has the most students (42%) who have been in a physical fight at school. In HZ5, nearly 9 out of 10 middle school students do not wear a helmet to ride their bike or skateboard. They are also the highest for not wearing a seat belt. In 2013, 2 out of 5 middle school students reported being bullied at school and 1 in 5 reported being electronically bullied. Just under 1 in 4 seriously considered killing themselves and 1 in 10 made a suicide attempt.

HZ2 saw bullying increase by only +6% and electronic bullying decreased by -15% since 2009. In 2013, 1 in 4 students carried a weapon for protection and more than 1 in 3 had been in a physical fight. HZ2 has the fewest middle school students who made a plan to kill themselves. HZ2 had significantly fewer (-34%) middle school students riding with a driver who had been drinking.

HZ6 had the highest percent of students who carried a weapon for protection or carried a weapon to school. HZ6 students also report the most electronic bullying, as they did in 2011. More than 2 in 5 are bullied while at school. HZ6 has the fewest middle school students who have seriously thought about killing themselves, just under 1 in 4. HZ6 had the most students riding in a car with someone who had been drinking alcohol.

HZ1 has seen the most significant increase in bullying behavior of any HZ; up +48% from 2009. Electronic bullying is also up by +37%. Physical fights have dramatically decreased bringing HZ1 from the highest in 2009 to being similar to the other HZs in 2013. HZ1 now has the highest number of middle school students who have tried to kill themselves; more than 1 in 10. HZ1 also has the highest number who have seriously thought about suicide at more than 1 in 4.



Prepared by: Florida Department of Health in Duval, February 2014

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HZ4 has seen a +26% increase in bullying making it the highest in the County with nearly 1 in 2 middle school students reporting bullying. HZ4 has also seen an increase in electronic bullying (+24%). Physical fights have decreased by -31% since 2009. HZ4 has the fewest middle school students reporting a suicide attempt (8.1%). It has the most middle school kids wearing bike helmets (1 in 4) and seat belts. More than 1 in 4 middle school students rode with someone who had been drinking alcohol.

HZ3 has seen the second largest increase (+33%) in bullying, ranking it the second highest in the County. Electronic bullying has decreased slightly and is the lowest in the County. HZ3 has the fewest students bringing a weapon to school, but 1 in 4 have carried one for protection. In 2013, 1 in 3 students reported being in a physical fight. HZ3 has the highest percent of students who have made a plan to kill themselves and suicide attempts have increased by +28% since 2009.

Duval County Health Zone Comparison by Year

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Risk Factors	Year	HZ1	HZ2	HZ3	HZ4	HZ5	HZ6	Duval County
Violence								
Carried weapon such as a gun, knife, or club for protection	2009	32.3%	28.1%	28.8%	34.2%	32.6%	33.7%	32.3%
	2011	30.3%	23.2%	28.9%	25.4%	28.3%	29.9%	28.0%
	2013	29.1%	25.4%	25.3%	25.9%	27.7%	33.8%	27.5%*
Carried weapon such as a gun, knife, or club for protection on school property	2009	14.5% ²	6.6% ¹	7.4%	9.3%	10.0%	7.3%	9.8%
	2011	12% ²⁻⁵	4.8% ¹	6.7% ¹	6.8% ¹	5.8% ¹	5.7%	7.9%
	2013	6.7%*	5.8%	4.2%	5.8%	6.2%	7.5%	7.4%*
Ever been in fight at school	2009	62.4% ²⁻⁶	40.8% ¹	35.9% ¹	46.6% ¹	49.8% ¹	37.2% ¹	46.4%
	2011	60.3% ²⁻⁶	34.5% ¹	30.4% ^{1,4}	40.7% ^{1,3}	38.7% ¹	32.8% ¹	41.9%
	2013	38.8%*	37.1%	34.6%	32.1% ⁵	42.0% ^{4,6}	30.2% ⁵	38.7%*
Ever been bullied on school property	2009	22.5% ^{2,4}	37.2% ¹	30.1%	36.3% ¹	30.1%	40.1%	33.3%
	2011	27.8% ^{2,4,5}	42.0% ¹	36.9%	37.6% ¹	39.6% ¹	40.6%	37.2%
	2013	42.9% [^]	39.5% ⁴	44.7% [^]	48.8% ^{2^}	40.8% [^]	42.3%	42.1% [^]
Ever been electronically bullied	2009	11.5% ^{2,3}	19.9% ¹	20.9% ¹	16.3%	16.6%	18.7%	17.7%
	2011	10.6% ^{2,3,6}	17.4% ¹	17.7% ¹	14.6% ⁶	15.2% ⁶	28.1% ^{1,4,5}	16.3%
	2013	18.2% [^]	17.0%	16.5%	21.4% [^]	20.4%	22.9%	18.5% [^]
Suicide								
Ever seriously thought about killing themselves	2009	21.4%	19.7%	23.8%	22.3%	20.3%	19.5%	21.5%
	2011	20.4%	22.2%	18.3%	18.0%	18.9%	18.3%	20.0%
	2013	25.8%	24.5%	24.5%	25.4%	24.8%	23.8%	24.3% [^]
Ever made a plan about how they would kill themselves	2009	13.6%	13.4%	14.3%	14.7%	12.9%	13.9%	14.7%
	2011	11.7%	11.4%	10.9%	11.1%	13.6%	10.4%	12.1%
	2013	16.8%	15.9%	18.4%	17.2%	16.1%	16.6%	16.5%
Ever tried to kill themselves	2009	13.0%	8.5%	7.6%	8.9%	12.3%	7.2%	10.3%
	2011	9.3%	8.5%	5.8%	7.8%	7.4%	6.1%	8.4%
	2013	12.6%	9.9%	10.6%	8.1%	10.7%	9.6%	10.6%
Safety								
Never or rarely wore bicycle helmet	2009	92.5% ^{2,3,5,6}	79.1% ¹	81.3% ¹	86.4%	83% ¹	67.9% ¹	83.4%
	2011	86.9% ^{2,3}	76.6% ¹	76.2% ¹	82.1%	83.9%	74.4%	80.3%
	2013	83.2%*	79.3% ⁵	76.0% ⁵	75.5% ^{5*}	88.1% ^{2,3,4,6}	78.7% ⁵	79.9%*
Never or rarely wore skate helmet	2009	92.5% ^{2,6}	78% ¹	86.8%	89.5%	84.2%	75% ¹	83.7%
	2011	80.8%	76.5%	83.0%	78.6%	85.0%	72.2%	79.2%
	2013	85.0%	81.0% ⁵	80.0% ⁵	80.4% ^{5*}	89.9% ²⁻⁴	83.4%	81.5%*
Never or rarely wore seat belt	2009	18.1% ^{2,4}	10.3% ¹	11.1%	10.4% ¹	11.9%	12.7%	13.5%
	2011	12.4% ³	8.1%	7.1% ¹	9.9%	8.1%	7.4%	10.5%
	2013	9.8%*	8.5%	10.0%	7.4%	10.5%	9.1%	10.4%*
Ever rode in a car driven by someone who had been drinking alcohol	2009	37.1%	33.7%	33.5%	33.0%	33.6%	37.3%	35.1%
	2011	27.8%	25.3%	25.4%	27.6%	29.5%	32.8%	27.3%
	2013	26.5%*	22.2% ^{*6}	21.8% ⁶	26.3%	27.8%	32.5% ^{2,3}	24.5%*

2009-2013 statistically significant trend *decrease ^increase

QNA: Question not asked

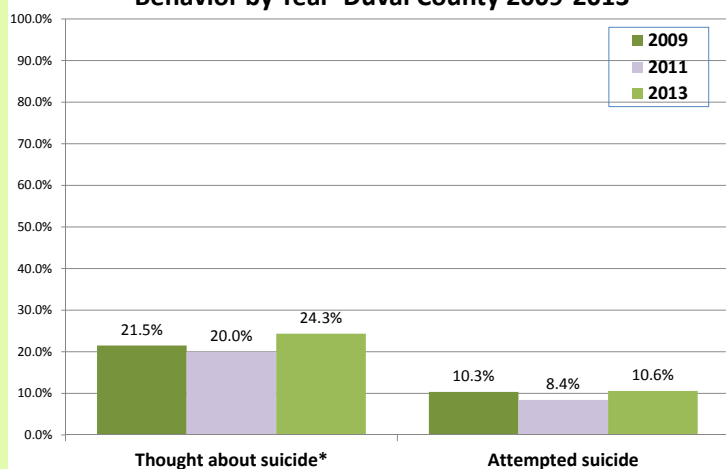
NR: Not Ready (June 2014 release)

NOTE: The superscript number indicates that one Health Zone is statistically significantly different than another Health Zone.

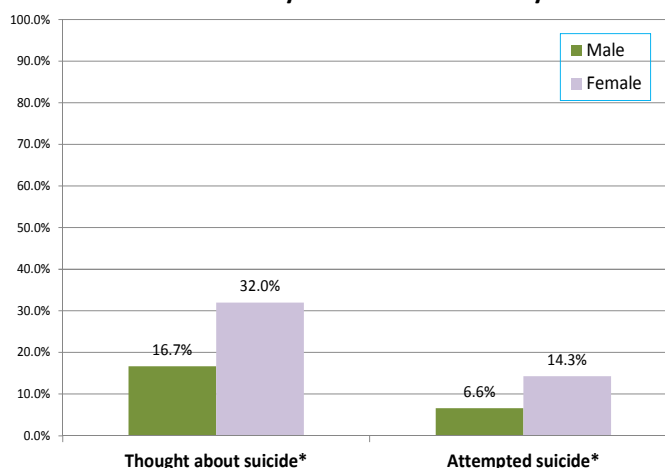
Trend analysis by County, State and Nation are provided by CDC (See YRBS methodology at www.CDC.gov).
Trend analysis and comparisons by Health Zone is provided by the Department of Health-Duval
(See YRBS methodology at <http://www.dchd.net/health-data-resources/health-reports>).

Middle School Violence, Suicide, Safety in Duval

Middle School Students (6th - 8th Grade) Suicide Behavior by Year Duval County 2009-2013



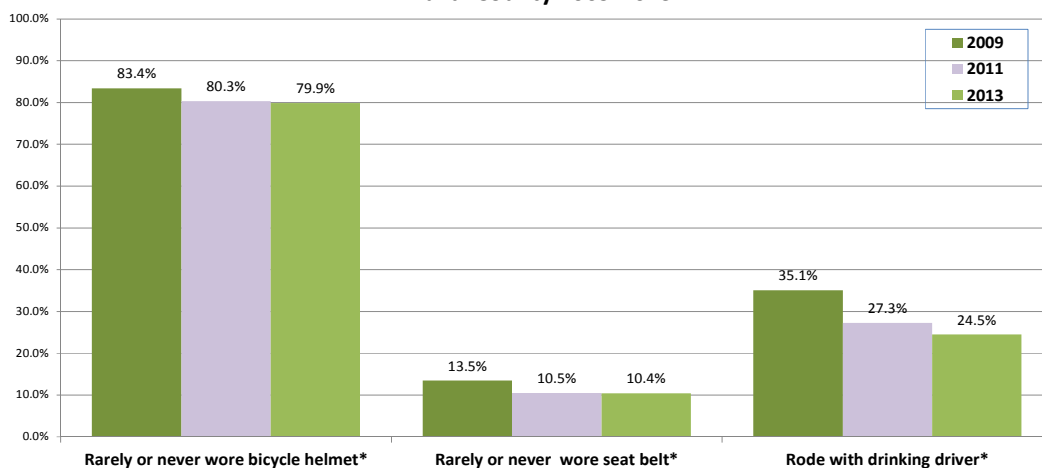
Middle School Students (6th - 8th Grade) Suicide Behavior by Gender Duval County 2013



The YRBS survey asks three questions to middle school students about suicide. Seriously considering suicide has increased by +12%, making a plan to kill yourself has increased by +11% and actually attempting suicide has increased by +3%. Since 2011, more females have seriously considered suicide (up +25%) and more females have attempted suicide (up +30%), while male rates have not changed.

Safety behaviors have improved with more middle school students wearing a helmet when riding a bike or skateboarding, wearing their seat belts and fewer are riding with a driver who has been drinking alcohol.

Middle School Students (6th - 8th Grade) Safety Behavior by Year Duval County 2009-2013



Additional Data

- Less than 20% of middle school students wear a helmet regularly (sometime, most of the time and always) when rollerblading or riding a skateboard.

For more information about the YRBS, e-mail Duval County Public Schools at yrbs@duvalschools.org.

Visit <http://www.duvalschools.org/Page/11295> or <http://www.dchd.net/health-data-resources/health-reports> to view or download YRBS data.

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